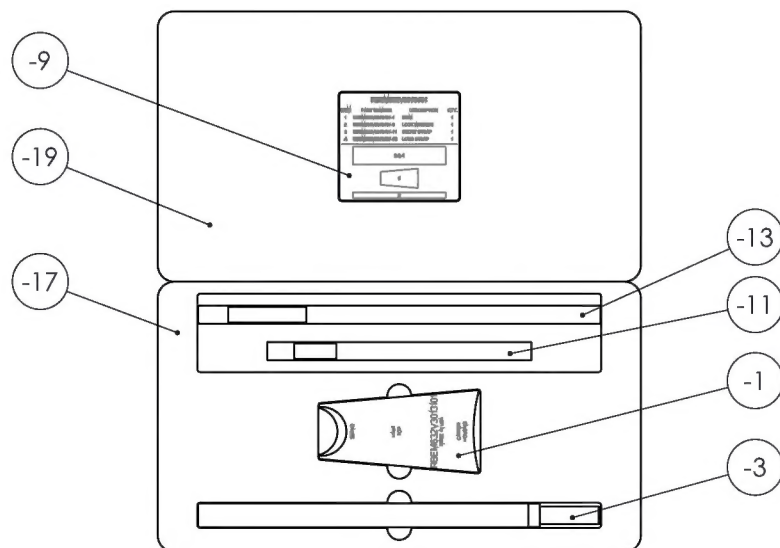



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	11/3/2016	DPD	JAG



NOTE:
REF. AIRBUS T/N: RBEM632V3013101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	SHIM	WHITE NYLON		2
	X		-3	1	LOCK WRENCH			3
	1		-5		ROD	1018/1020 CR		4
	1		-7		COVER	6061		5
			-9	1	PLACARD	PLASTIC		6
		B/O	-11	1	SHORT STRAP	NYLON	(OLYMPIC SYNTHETICS)	7
		B/O	-13	1	LONG STRAP	NYLON	(OLYMPIC SYNTHETICS)	8
	1	B/O	-15		SPRING PIN	STEEL	M3 X 22mm (MCMASTER-CARR #91611A160)	3
		B/O	-17	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	5.79 X 11.26 X 20.12 (CASE SOLUTIONS)	9
		B/O	-19	1	TOP TOOL CUSHION	ETHAFOAM 220, BLACK	1.79 X 11.26 X 20.12 (CASE SOLUTIONS)	10
		B/O	-21	1	CASE	PLASTIC	PELICAN #APP-1510-E	N/S
		B/O		1	PLACARD	ALUMINUM	RB41011	N/S
	ASSY -3							



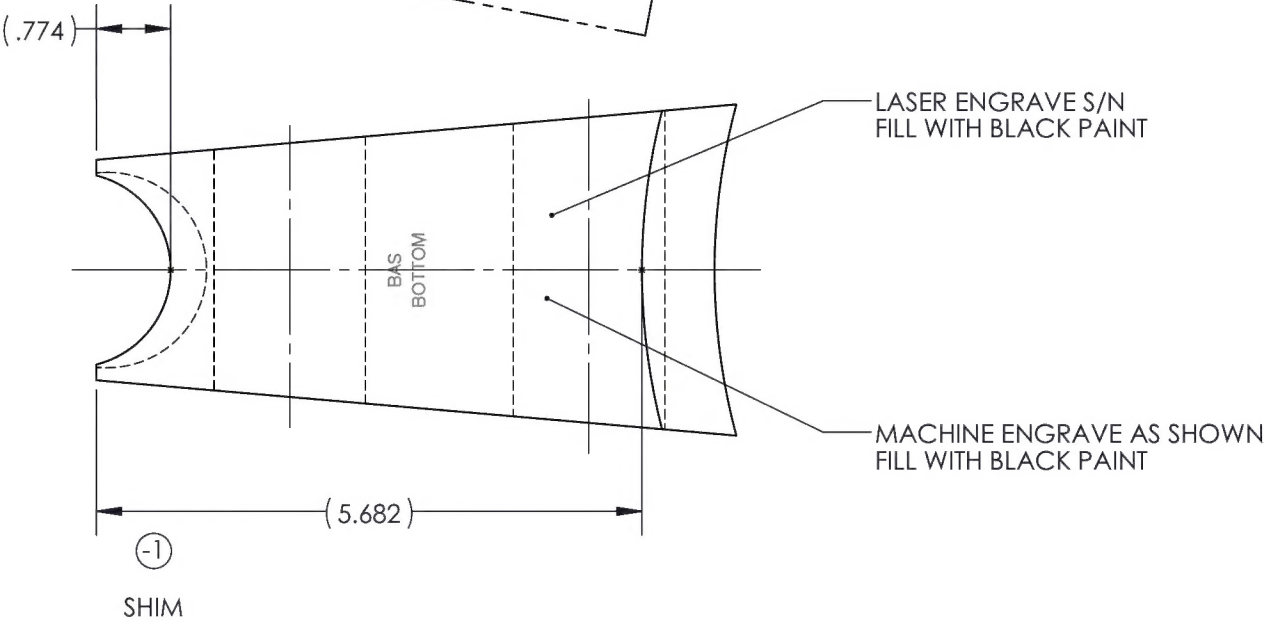
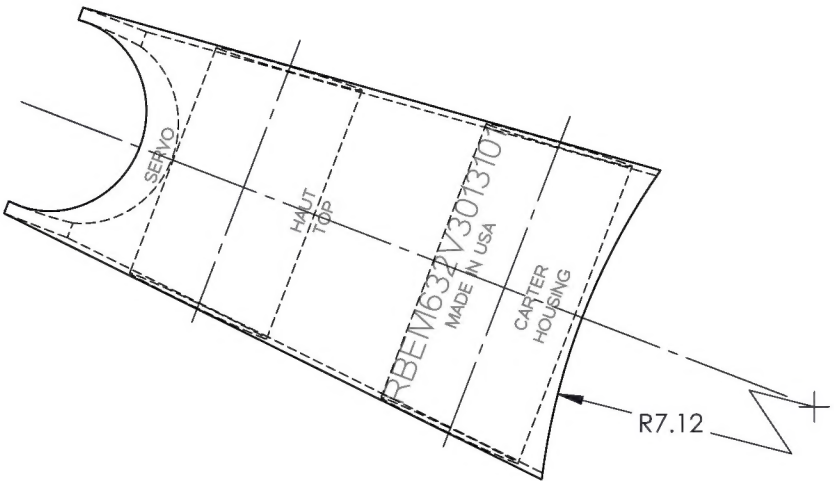
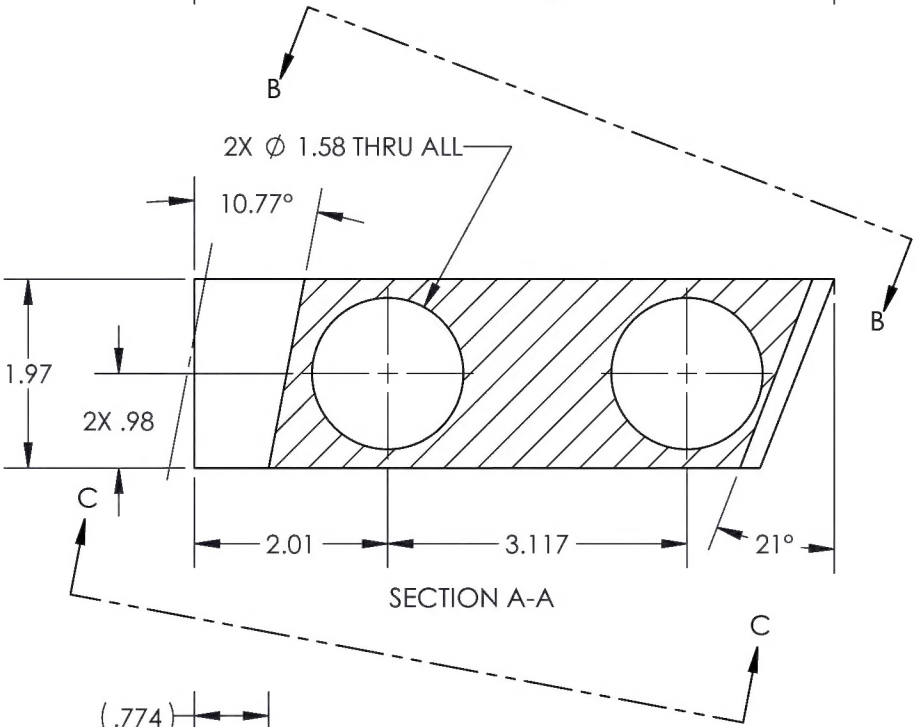
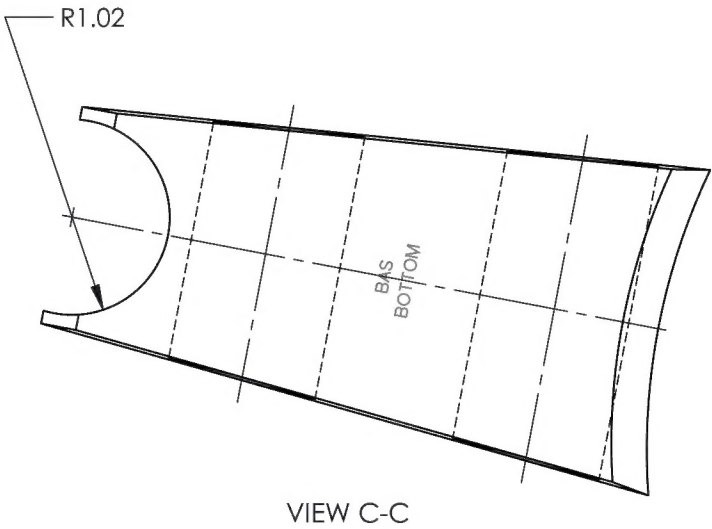
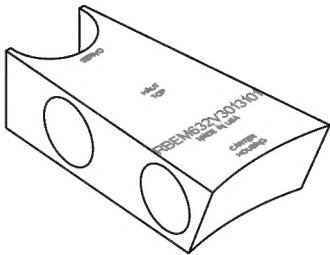
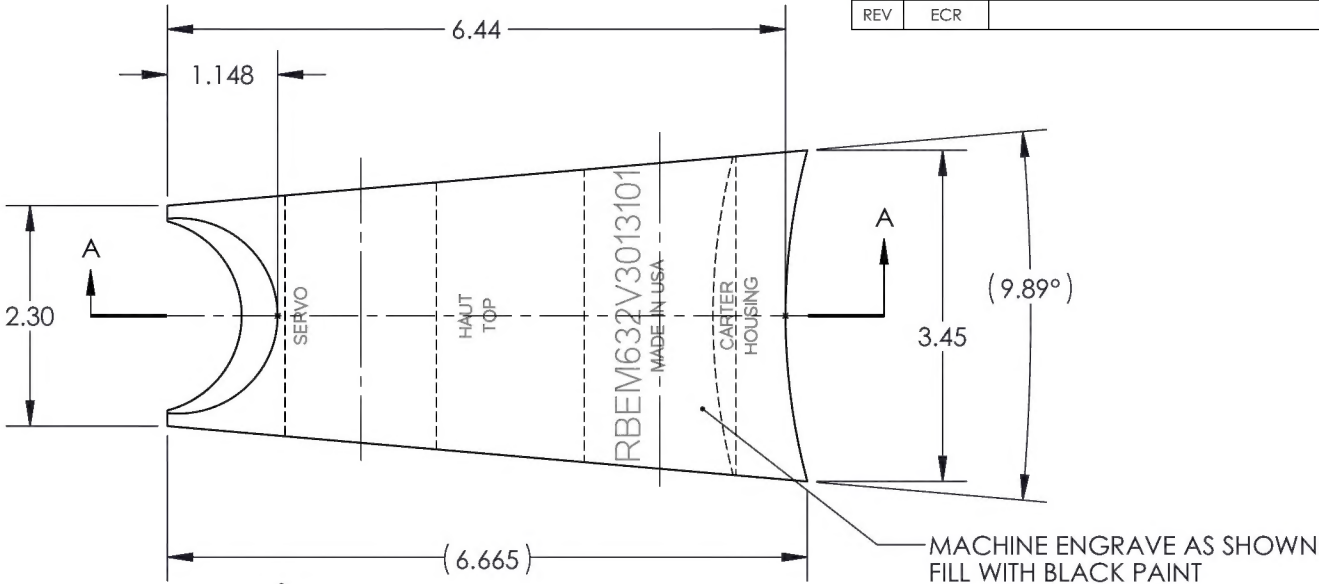
TITLE
SERVO-CONTROL FITTINGS NUT GUIDE

DWG NO. RBEM632V3013101 **REV** 1

MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009			
HEAT TREAT					
FINISH					
SPEC					
DRAWN BY:	DUERFELDT	USED ON MODEL H175			
CHECKED:	CLOUGH				
OPPS APPR:	ANDERSON				
QA APPR:	LINDSAY				
APPROVED:	GILBERT				
SCALE	1:8	DATE	6/14/2016	SHEET	1 OF 10

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

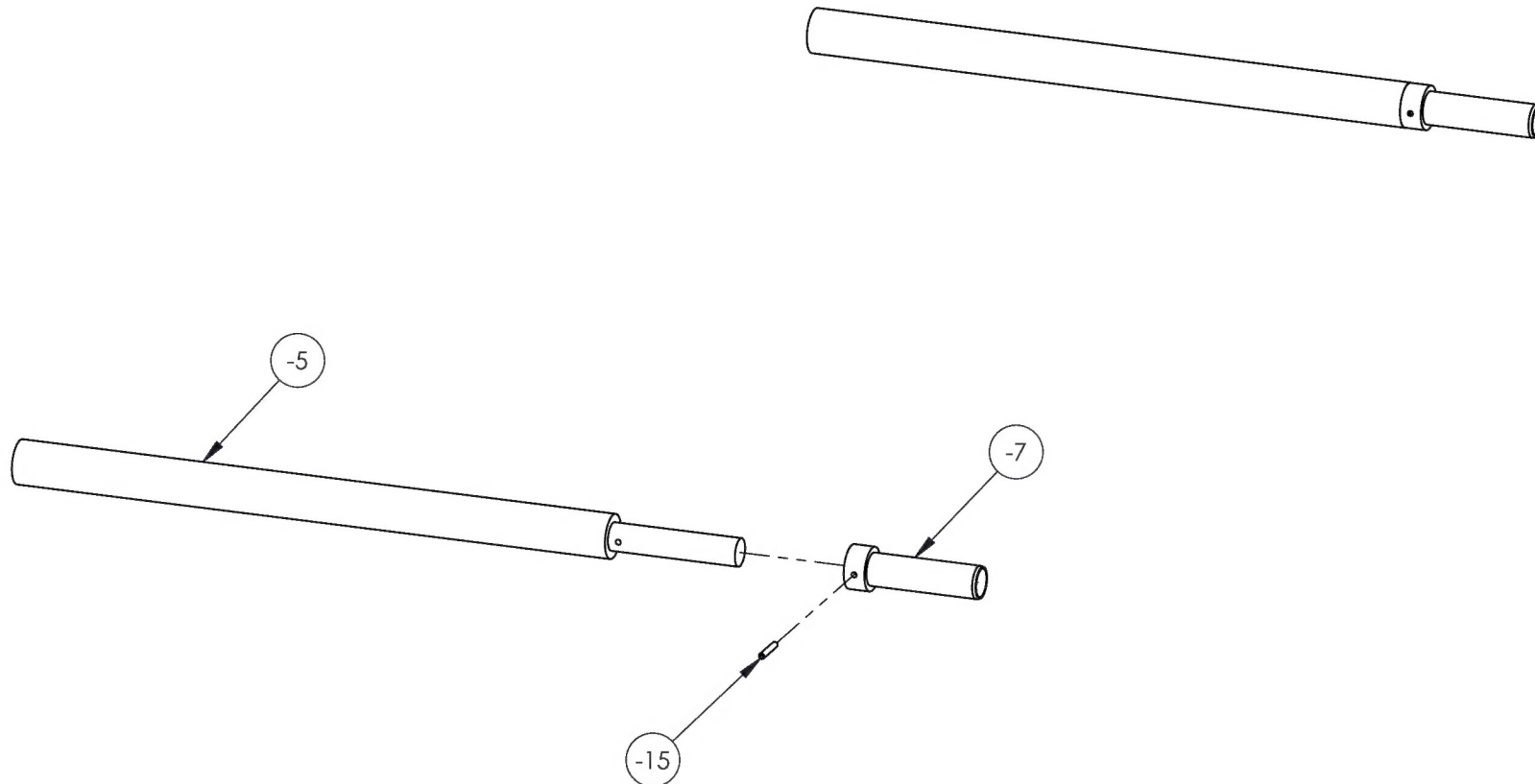


VIEW B-B

DART AEROSPACE			
TITLE SERVO-CONTROL FITTINGS NUT GUIDE			
DWG NO. RBEM632V3013101-1			REV 1
MAT'L WHITE NYLON		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH		.XX ± .01 ANGLES ± 5°	
SPEC		.X ± .1 SURFACES = 125✓	
DRAWN BY: DUERFELDT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE	1:2	DATE	6/14/2016
SHEET 2 OF 10			

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				APPROVED



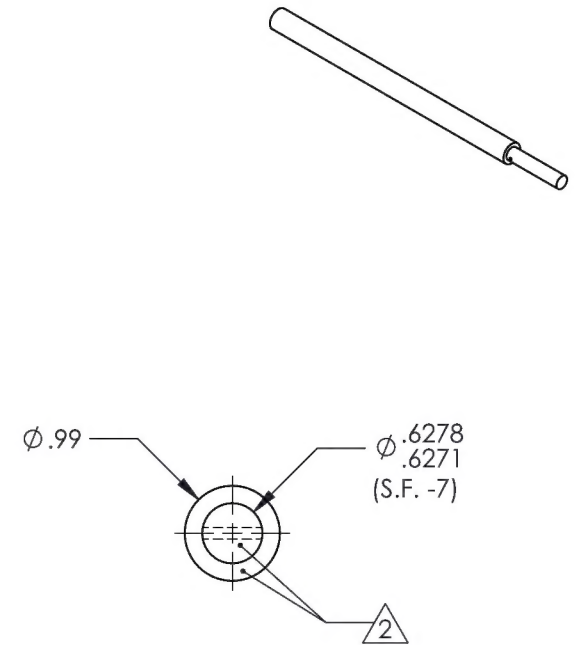
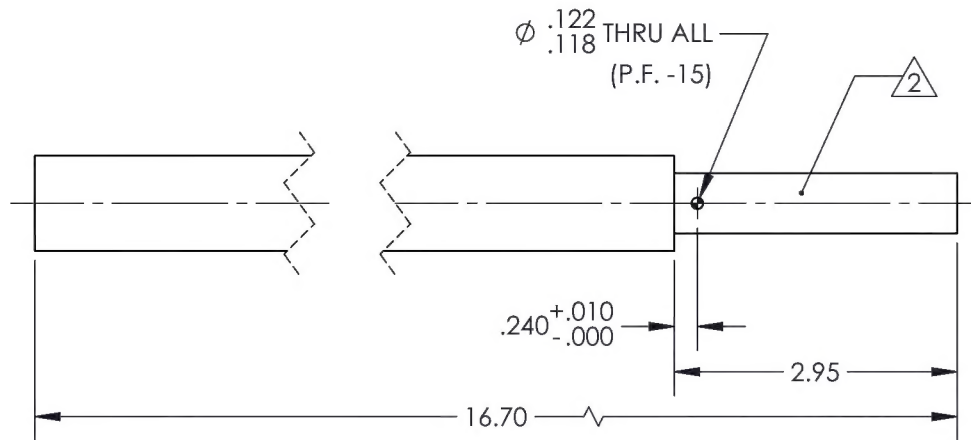
TITLE
SERVO-CONTROL FITTINGS NUT GUIDE

DWG NO. **RBEM632V3013101-3** REV **1**

MAT'L		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± .5°	
DRAWN BY: DUERFELDT		.X ± .1 SURFACES = 125°	
CHECKED: CLOUGH		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE		3. INTERPRET DIM AND TOL PER	
1:4		ASME Y14.5M-2009	
DATE		USED ON MODEL	
6/14/2016		H175	
		SHEET 3 OF 10	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



NOTES:

- DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.

2 NO POWDER COAT THIS SURFACE.



TITLE
SERVO-CONTROL FITTINGS NUT GUIDE

DWG NO. RBEM632V3013101-5 REV 1

MAT'L 1018/1020 CR
HEAT TREAT
FINISH SEE NOTE 1
SPEC

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
.X ± .1 SURFACES = 125°

DRAWN BY: DUERFELDT
CHECKED: CLOUGH
OPPS APPR: ANDERSON
QA APPR: LINDSAY
APPROVED: GILBERT

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

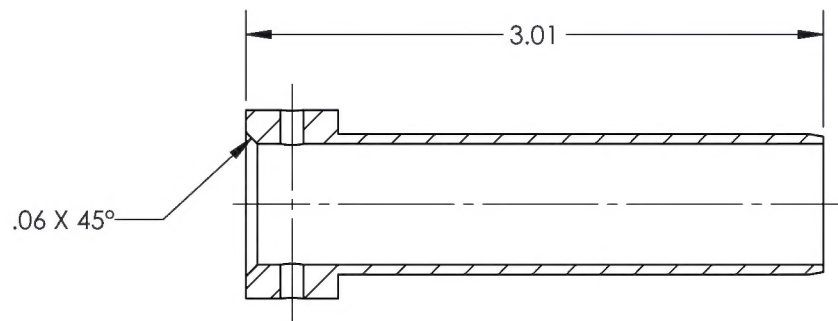
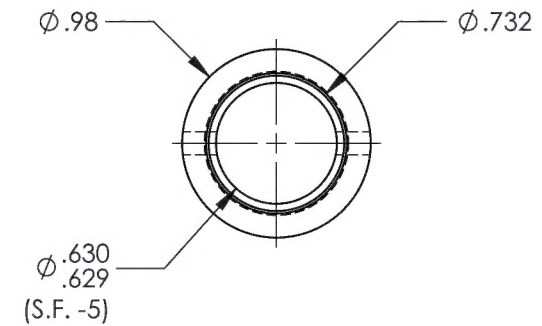
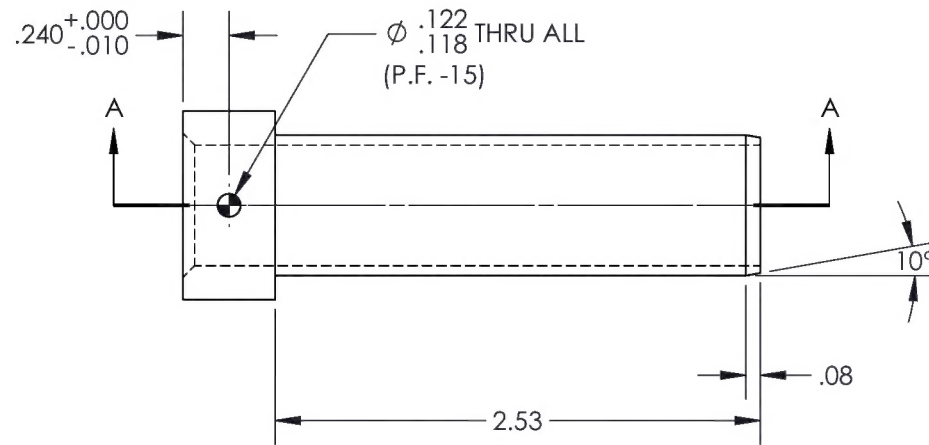
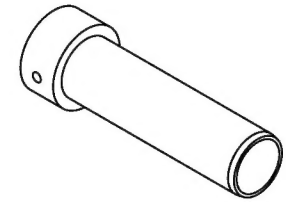
USED ON MODEL
H175

SCALE 1:2 DATE 6/14/2016 SHEET 4 OF 10

(-5)
ROD

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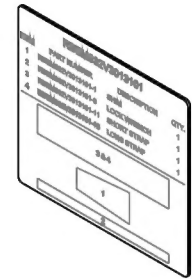
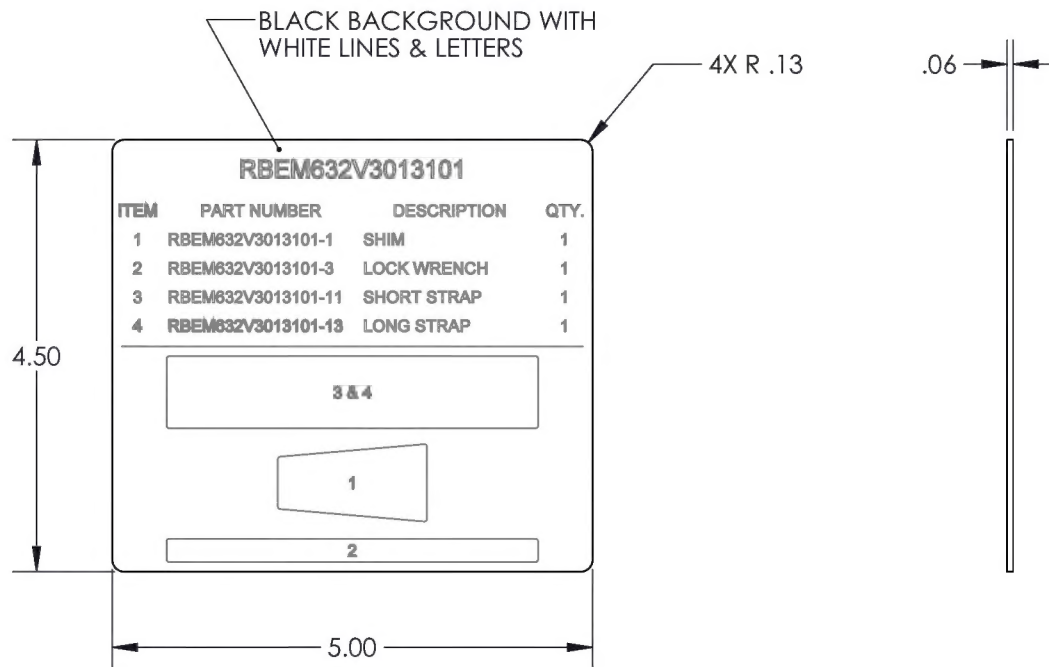
SECTION A-A

COVER

DART AEROSPACE	
TITLE SERVO-CONTROL FITTINGS NUT GUIDE	
DWG NO. RBEM632V3013101-7	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625F, TYPE II, CLASS I	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/14/2016	USED ON MODEL
SHEET 5 OF 10	H175

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			INITIAL
			APPROVED



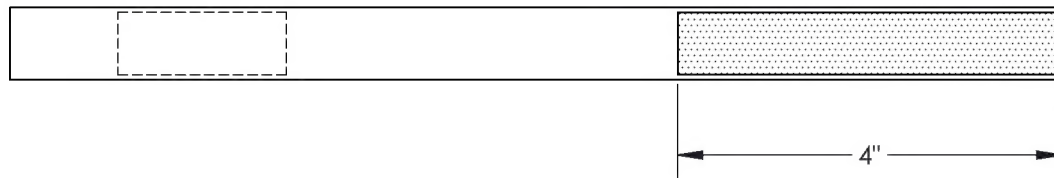
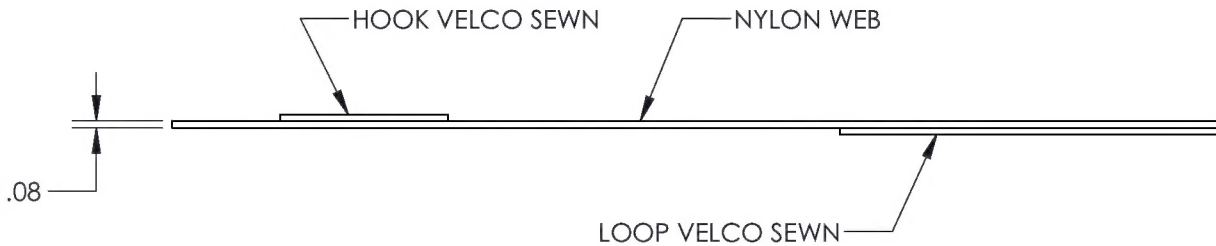
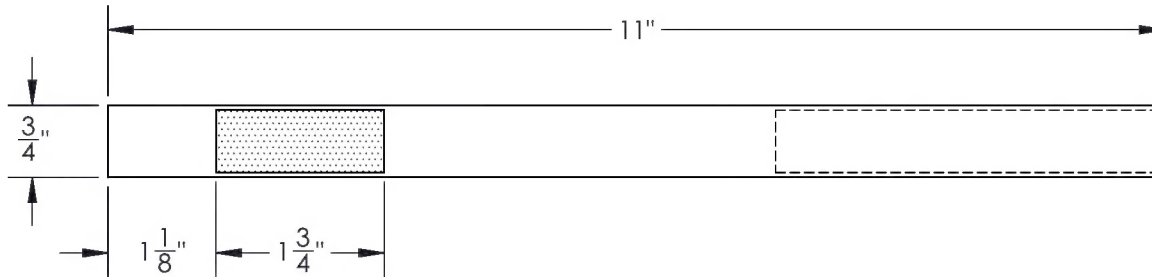
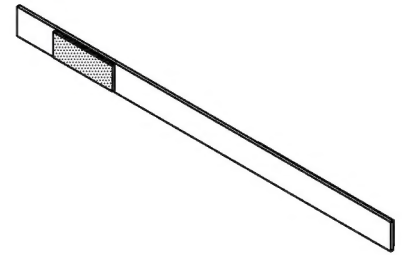
NOTE:
USE PDF.

(-9)
PLACARD

DART AEROSPACE	
TITLE SERVO-CONTROL FITTINGS NUT GUIDE	
DWG NO. RBEM632V3013101-9	REV 1
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:2	DATE 6/14/2016
	SHEET 6 OF 10

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REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



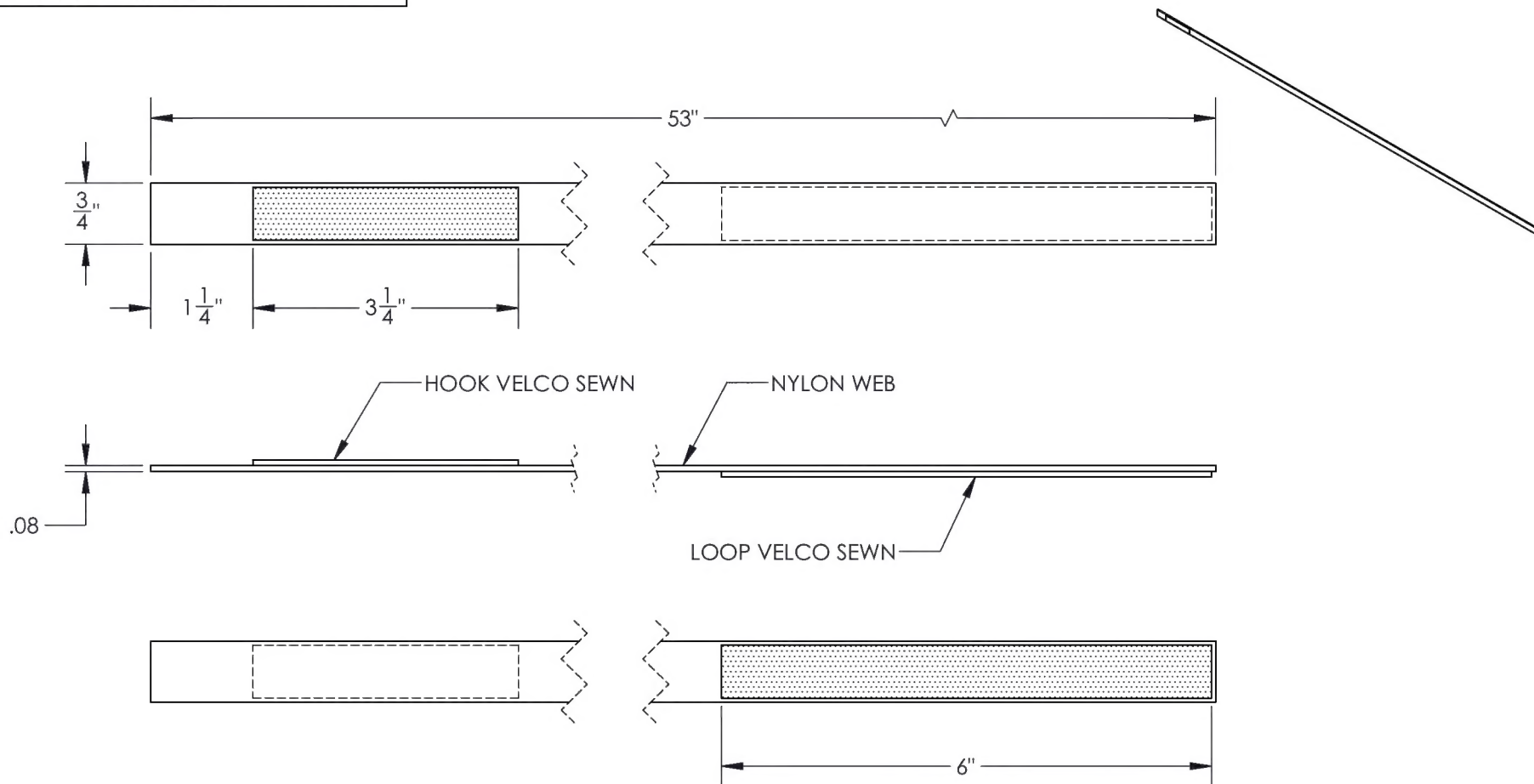
(-11)

SHORT STRAP

DART AEROSPACE	
TITLE SERVO-CONTROL FITTINGS NUT GUIDE	
DWG NO. RBEM632V3013101-11	REV 1
MAT'L NYLON	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:2	DATE 6/14/2016
	SHEET 7 OF 10

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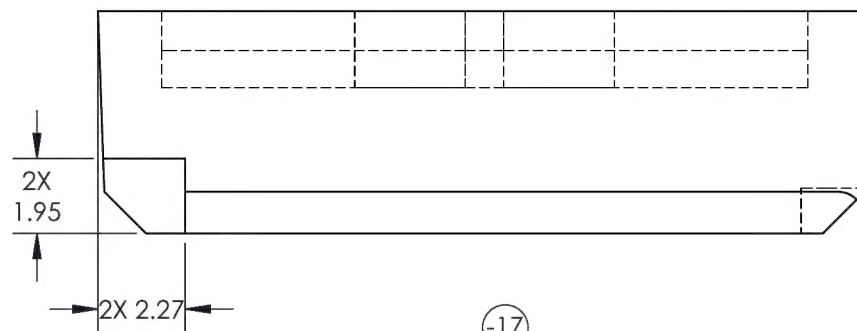
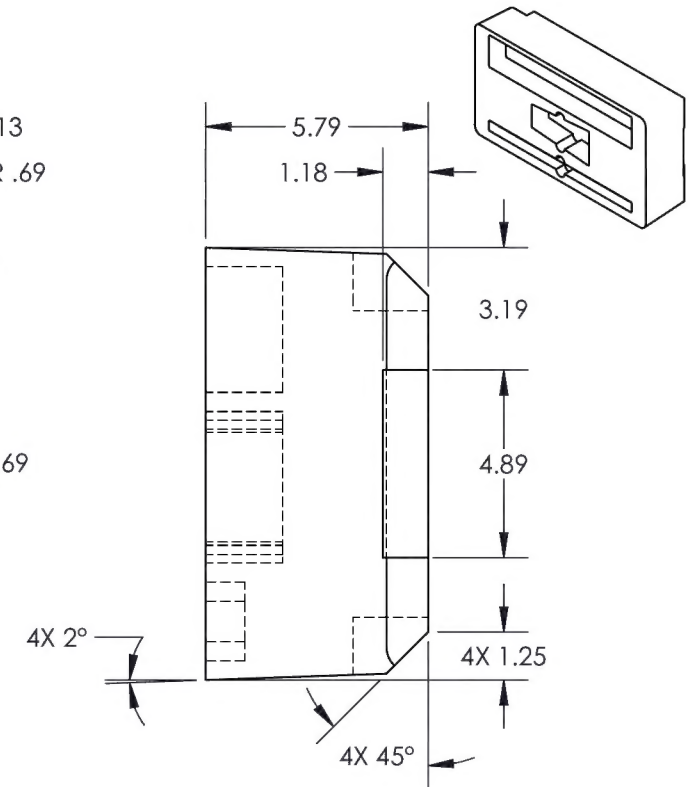
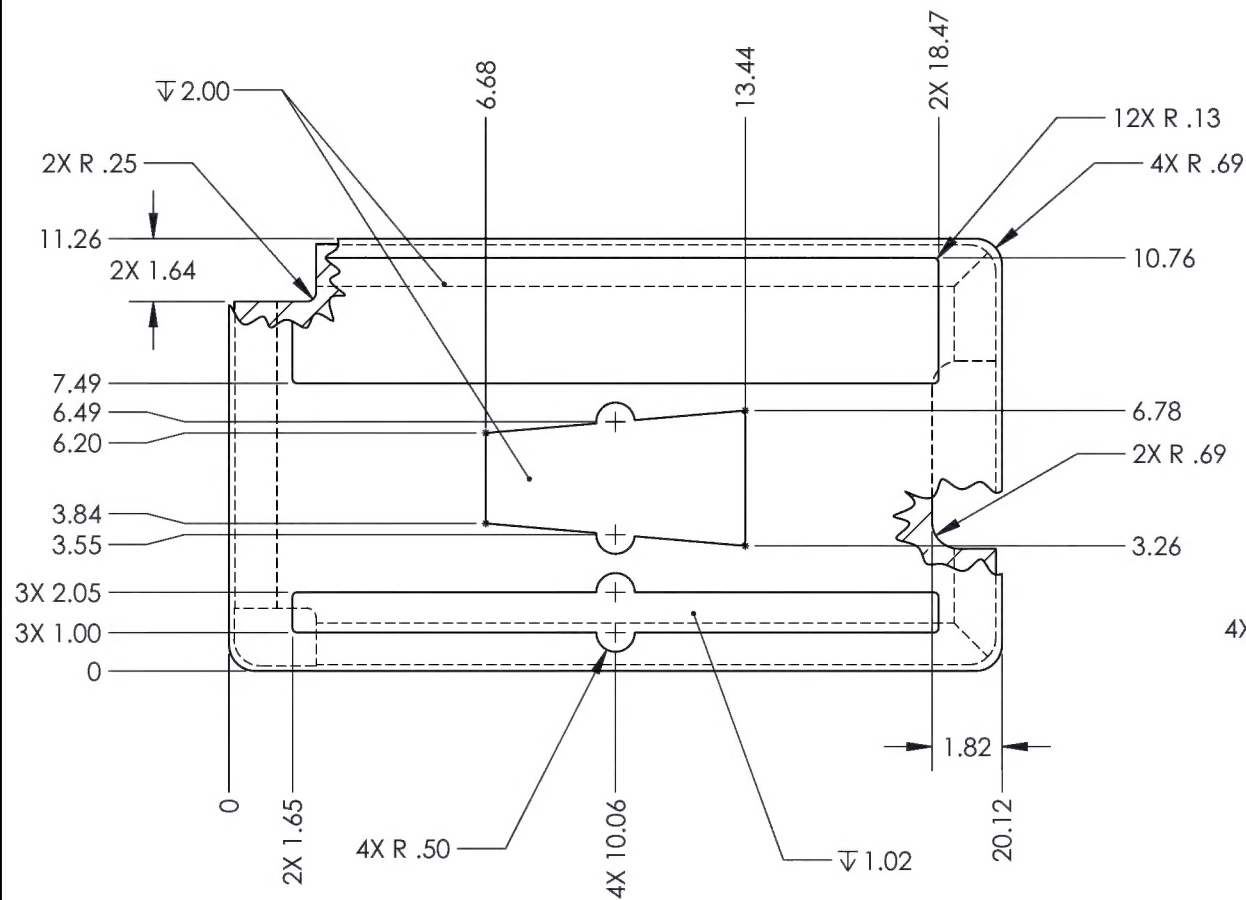


(-13)
LONG STRAP

DART AEROSPACE	
TITLE SERVO-CONTROL FITTINGS NUT GUIDE	
DWG NO. RBEM632V3013101-13	REV 1
MAT'L NYLON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:2	DATE 6/14/2016 SHEET 8 OF 10

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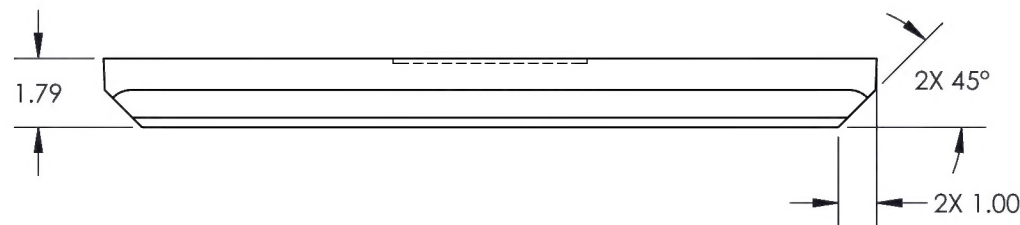
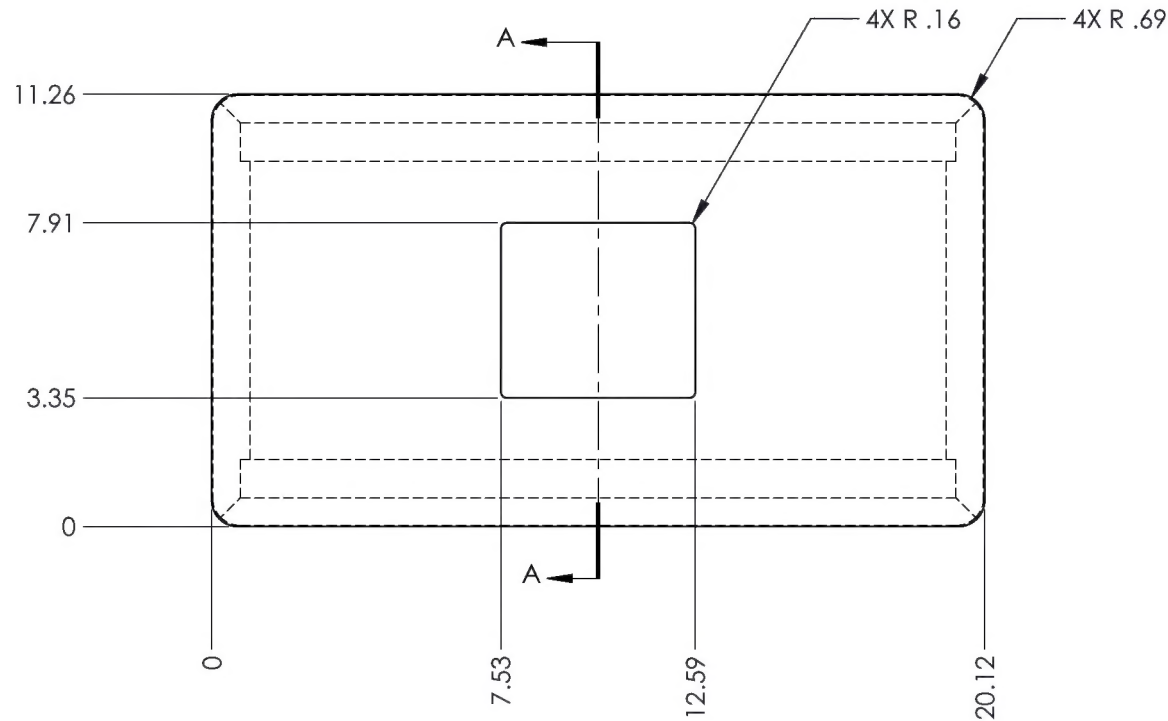
(-17)

BOTTOM FOAM

DART AEROSPACE	
TITLE SERVO-CONTROL FITTINGS NUT GUIDE	
DWG NO. RBEM632V3013101-17	REV 1
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
FEAT TREAT FINISH	.XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
SPEC	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:5	DATE 6/14/2016
SHEET 9 OF 10	

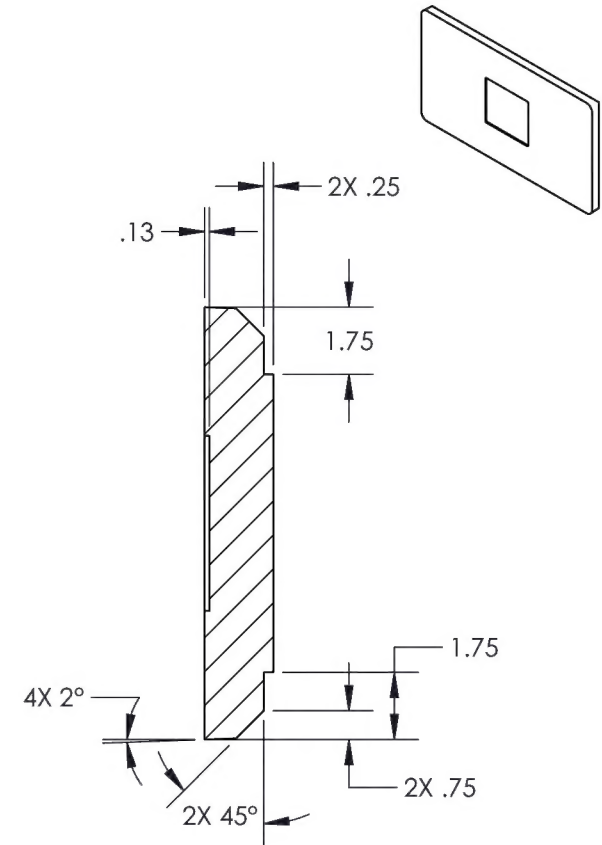
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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



(-19)

TOP TOOL CUSHION



SECTION A-A

DART AEROSPACE	
TITLE SERVO-CONTROL FITTINGS NUT GUIDE	
DWG NO. RBEM632V3013101-19	REV 1
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125/	
SPEC	
1. BREAK ALL SHARP EDGES	
.015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY	
AFTER PLATING	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:5	DATE 6/14/2016
SHEET 10 OF 10	